Index of Claims

| T | Application No. | Applicant(s)        |  |
|---|-----------------|---------------------|--|
|   | 10/629,703      | MARQUARDT, TRAUGOTT |  |
|   | Examiner        | Art Unit            |  |
|   | Chi Q Nguyen    | 3635                |  |

| 7 | Rejected |
|---|----------|
| = | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|              |          |          |                 |          |          |          |          |          |          |            |          |          |          |               |                 |          |          |          |                 |          |          |          |            |          |          |          |          |          |          | _        |               |           |
|--------------|----------|----------|-----------------|----------|----------|----------|----------|----------|----------|------------|----------|----------|----------|---------------|-----------------|----------|----------|----------|-----------------|----------|----------|----------|------------|----------|----------|----------|----------|----------|----------|----------|---------------|-----------|
| Cla          | Date     |          |                 |          |          |          |          |          | <u>C</u> | Claim Date |          |          |          |               |                 |          |          | Cli      | aim             | Date     |          |          |            |          |          |          |          |          |          |          |               |           |
| Final        | Original | to19+    |                 |          |          |          |          |          |          |            | Final    | Original |          |               |                 |          |          |          |                 |          |          | Final    | Original   |          |          |          |          |          |          |          |               |           |
|              | 1        | 0        | Н               |          | -        |          |          |          |          | ┪          | <u> </u> | 51       | ╁╌       | ┢             |                 | -        | $\dashv$ | _        | -               |          | 1        | <b> </b> | 101        |          | +        | ┪        | _        |          | -        | $\dashv$ | -             | ᅱ         |
| <b></b>      | 2        | 0        | $\vdash$        | $\dashv$ |          |          | -        |          |          | ┪          |          | 52       | $\vdash$ | $\vdash$      |                 | $\dashv$ | 寸        | $\dashv$ |                 | $\neg$   | 1        | <b> </b> | 102        | Ħ        | $\dashv$ | $\dashv$ |          |          | -        | $\dashv$ | $\dashv$      | ᅥ         |
| -            | •        |          | H               | i        | ╗        |          |          |          |          |            |          | 53       | $\top$   | Г             |                 | T        | $\neg$   |          | 寸               | _        | 1        |          | 103        |          | $\dashv$ | ヿ        |          |          |          | 寸        | $\exists$     | $\exists$ |
|              | 4        | 0        |                 |          | 一        |          |          |          |          |            |          | 54       |          |               |                 | T        |          |          | $\neg$          |          | 7        |          | 104        | П        |          |          |          |          |          | 寸        | ヿ             | ㄱ         |
|              | 5_       |          |                 |          |          |          |          |          |          |            |          | 55       |          |               |                 |          |          |          |                 |          |          |          | 105        |          |          |          |          | T        |          | $\Box$   | T             |           |
|              | 6        | /        | •               |          |          |          |          |          |          |            |          | 56       |          |               |                 |          |          |          |                 |          |          |          | 106        |          |          |          |          |          |          |          | $\Box$        |           |
|              | 7        | 0        |                 |          |          |          |          |          |          |            |          | 57       | <u> </u> |               |                 |          |          |          |                 |          |          |          | 107        |          | $ \bot $ |          |          |          |          |          |               |           |
|              | 8        | 0        | $\sqcup$        | _        | _        |          |          |          |          | _          | 1        | 58       |          |               |                 |          | _        |          | _               | _ _      | _        |          | 108        |          | _        |          |          | _        |          | _        | $\dashv$      | _         |
| <u> </u>     | 9        | V        | $\Box$          | _        | _        |          |          | _        | _        | _          | <u> </u> | 59       |          |               |                 | _        | 4        | _        | 4               | _        | 4        |          | 109        | $\dashv$ | _        |          | _        |          |          | _        | 4             | _         |
|              | 10       | ~        |                 | _        | 4        |          |          |          | _        | 4          | -        | 60       | _        |               | -               |          | _        | _        | 4               | _        | 4        |          | 110        |          | _        | _        | _        |          | _        | 4        | $\dashv$      | ᅴ         |
|              | 11       | V        |                 | $\dashv$ | -        |          |          |          |          | $\dashv$   |          | 61       | ⊬        | <u> </u>      |                 | -        | -        | -        | -               |          | 4        |          | 111        | $\dashv$ | $\dashv$ | - 1      |          |          | -        |          | -             | $\dashv$  |
| -            | 12<br>13 | V        | H               | $\dashv$ | -        |          |          |          |          | $\dashv$   |          | 62<br>63 | +-       | ļ             |                 |          |          | $\dashv$ | +               | +        | $\dashv$ | $\vdash$ | 112<br>113 | $\vdash$ | +        | -        | -        |          | $\dashv$ | $\dashv$ | +             | $\dashv$  |
|              | 14       | 7        | $\vdash$        | $\dashv$ | $\dashv$ | -        |          | $\vdash$ |          | $\dashv$   | -        | 64       | 1        |               | $\vdash$        |          | +        | $\dashv$ | +               | +        | $\dashv$ |          | 114        | $\vdash$ | -        | -        |          | $\dashv$ | $\dashv$ | $\dashv$ | +             |           |
|              | 15       | 0        | $\vdash$        | $\dashv$ | $\dashv$ | _        |          | -        | $\dashv$ | _          |          | 65       | ╁        | -             |                 | $\dashv$ | +        | $\dashv$ | $\dashv$        | -+-      | $\dashv$ |          | 115        | $\dashv$ | $\dashv$ | +        |          |          | -        | $\dashv$ | $\dashv$      | ᅱ         |
|              | 16       | 1        | Ħ               | $\dashv$ | 1        |          |          |          |          | $\dashv$   |          | 66       | T        |               | $\dashv$        |          | +        | 十        | $\dashv$        | $\dashv$ | $\dashv$ |          | 116        | $\neg$   | $\dashv$ | _        |          | $\neg$   |          | $\dashv$ | $\dashv$      | ᅱ         |
|              | 17       | Н        | $\dashv$        | $\dashv$ | _        | -        | _        | _        |          | ╡          | . 💳      | 67       | T        | -             | $\Box$          | T        | 7        | 寸        | 7               | -        | 7        |          | 117        | 一        | _        | -        | _        | 一        |          | $\dashv$ | 十             | ㅓ         |
|              | 18       | 1        |                 | 一        | T        |          |          |          |          | _          |          | 68       | $\vdash$ | $\vdash$      | $\Box$          | $\neg$   | $\neg$   | 寸        | $\neg \uparrow$ | $\dashv$ | 1        |          | 118        |          | $\dashv$ |          | $\neg$   |          | T        | $\neg$   | $\dashv$      | ヿ         |
|              | 19       | 1        |                 | $\neg$   |          |          |          |          |          | <b>-</b>   |          | 69       | T        |               | $\Box$          | T        |          | ヿ        | 寸               |          | 7        |          | 119        |          | 7        |          | ヿ        | $\neg$   |          | ╅        | $\dashv$      | $\dashv$  |
|              | 20       | T        |                 | $\neg$   | ヿ        |          |          |          |          | ヿ          |          | 70       |          |               |                 |          |          | 寸        | 一               |          | ٦.       |          | 120        |          | $\neg$   |          |          | ヿ        |          | 寸        | ヿ             | $\neg$    |
|              | 21       | П        |                 |          | $\Box$   |          |          |          |          |            |          | 71       |          |               |                 |          |          | T        | T               | _        | 7        |          | 121        |          | T        |          |          |          |          |          | $\exists$     | $\neg$    |
|              | 22       | $\Pi$    |                 |          |          | Ĺ        |          |          |          |            |          | 72       |          |               |                 |          |          |          |                 |          |          |          | 122        |          |          |          |          |          |          |          | $\Box$        |           |
|              | 23       | L        |                 |          |          |          |          |          |          |            |          | 73       |          |               |                 |          |          |          |                 |          |          |          | 123        |          |          | $\Box$   |          |          |          | $\Box$   | $\Box$        |           |
|              | 24       | L        | Ш               |          |          |          |          |          |          | _          |          | 74       | <u> </u> |               |                 | _        |          | _        | _               |          |          | <u> </u> | 124        |          | _        |          | _        | _        | _        | _        | ightharpoonup | _         |
|              | 25       | Q        | Ш               | _        | _        |          | Ш        |          |          |            |          | 75       | <u> </u> |               |                 |          |          | -4       | _               | _ _      | 4.       | <u> </u> | 125        |          | _        | 4        |          |          |          | _        | _             | _         |
|              | 26       | 1        | Ш               | _        | _        |          |          | Ш        |          | _          | ļ        | 76       |          |               | $\Box$          | _        | _        |          | $\dashv$        |          | 4        |          | 126        |          | _        | 4        |          | _        | _        | _        | $\dashv$      | _         |
|              | 27       | <u>/</u> | Н               |          |          | _        | $\vdash$ | $\vdash$ | _        |            |          | 77       | -        |               |                 |          | _        | -        | -               | -        | 4 .      |          | 127        |          | 4        | 4        |          |          | -        | _        | -             | 4         |
|              | 28<br>29 | 0        | $\vdash$        | _        | $\dashv$ |          |          |          |          | _          |          | 78<br>79 | -        |               | $\dashv$        | _        |          | $\dashv$ | $\dashv$        | +        | +        |          | 128<br>129 |          | -        | -        |          | -        | $\dashv$ | $\dashv$ | $\dashv$      | ᅱ         |
| •            | 30       | P        | $\vdash$        |          |          |          |          |          | $\dashv$ | $\dashv$   | -        | 80       | ╁        |               |                 |          |          | $\dashv$ | $\dashv$        |          | -        |          | 130        |          | +        | $\dashv$ | -        |          | $\dashv$ | $\dashv$ | +             | $\dashv$  |
|              | 31       | Н        | H               | $\dashv$ | $\dashv$ |          |          | Н        |          | $\dashv$   |          | 81       | ╁        |               | -               | -        | -+       | -+       | $\dashv$        | +        | $\dashv$ | $\vdash$ | 131        | $\dashv$ | +        | ┥        | $\dashv$ | $\dashv$ |          | $\dashv$ | +             | $\dashv$  |
|              | 32       | $\vdash$ | $\vdash$        | ┪        |          | -        |          |          | $\dashv$ | $\dashv$   |          | 82       | $\vdash$ |               | $\vdash$        | +        | _        | -        | $\dashv$        | $\dashv$ | ┪        |          | 132        | -        | -+       | $\dashv$ | $\dashv$ | -        | -        | $\dashv$ | +             | $\dashv$  |
|              | 33       | 8        | Н               |          | 一        |          |          |          |          | $\dashv$   |          | 83       | +        | $\vdash$      | $\vdash$        | $\dashv$ | <b>-</b> | _        | -+              |          | 1        |          | 133        |          | $\dashv$ | $\dashv$ | $\dashv$ |          | -        | $\dashv$ | $\dashv$      | ᅥ         |
|              | 34       | V        |                 |          |          |          |          |          | $\dashv$ | $\neg$     |          | 84       | +-       |               | $\Box$          | $\dashv$ | $\neg$   |          | 7               |          | 7        |          | 134        |          | 十        | 寸        | 一        |          | 7        | $\dashv$ | 十             | ᅱ         |
|              | 35       | U        |                 |          |          |          |          |          |          | 7          |          | 85       | 1        |               | П               |          |          | T        | $\dashv$        |          | 1        |          | 135        |          |          | 7        | 寸        |          | $\neg$   | $\dashv$ | $\neg$        | ヿ         |
|              | 36       | ı        |                 | $\neg$   |          |          |          |          |          |            |          | 86       | $\top$   |               |                 | $\neg$   |          |          |                 |          | 7        |          | 136        |          |          | $\neg$   | $\neg$   |          | $\neg$   | $\neg$   | $\exists$     | ヿ         |
|              | 37       | П        | П               |          |          |          |          |          |          |            |          | 87       |          |               |                 | $\neg$   |          |          | ヿ               |          | 7        |          | 137        |          |          |          | $\neg$   | İ        |          | T        | 7             | $\neg$    |
|              | 38       |          |                 |          |          |          |          |          |          |            |          | 88       |          |               |                 |          |          |          |                 |          |          |          | 138        |          |          |          |          |          |          | $\Box$   |               |           |
|              | 39       |          |                 |          |          |          |          |          |          | _          |          | 89       |          |               |                 |          |          |          | $\perp$         |          | _        |          | 139        |          |          | _        |          |          |          |          | $\perp$       |           |
|              | 40       |          | Ш               | $\dashv$ | ]        |          |          | $\Box$   |          | _          |          | 90       | _        |               |                 | _        | _        | _        | _               |          | _        |          | 140        | $\Box$   | _        | _        | _        | _        | _        | _        | $\dashv$      | _         |
| <u> </u>     | 41       | 0        | Ш               | _        | ·        |          |          |          |          |            | ·        | 91       |          | _             |                 | _        |          | _        | _               |          | 4        |          | 141        |          | $\dashv$ | _        | _        | _        |          | $\dashv$ |               | ᆜ         |
| ļ            | 42       | <u> </u> | $\sqcup$        | _        | _        |          |          |          | _        | _ .        |          | 92       | 1        | $\sqcup$      | Щ               | _        | _        | $\dashv$ | $\dashv$        | $\perp$  | ╣        |          | 142        |          |          | _        |          | _        | $\perp$  | $\dashv$ | $\dashv$      | _         |
|              | 43       | $\vdash$ | $\sqcup$        | $\dashv$ | 4        |          | -        |          |          | -          | <u> </u> | 93       | $\vdash$ | _             |                 |          | _        | -        | -               |          | 4        |          | 143        | $\vdash$ | $\dashv$ | 4        |          | $\dashv$ | _        |          | 4             | 4         |
|              | 44<br>45 | ├        | $\dashv$        |          | -        |          |          |          | -        | $\dashv$   | $\vdash$ | 94<br>95 | $\vdash$ | $\vdash$      | $\vdash \vdash$ | $\dashv$ |          | $\dashv$ | +               | +        | $\dashv$ |          | 144<br>145 |          | +        | -        |          | -        | _        | $\dashv$ | +             |           |
| <del> </del> | 45       |          |                 | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$ |          |            | -        | 96       | +        | $\vdash$      | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | +               | +        | $\dashv$ | -        | 145        | $\vdash$ |          | $\dashv$ |          |          | $\dashv$ | $\dashv$ | +             | $\dashv$  |
| <del></del>  | 47       | ├        | $\vdash$        | -+       | $\dashv$ | -        |          | $\dashv$ | $\dashv$ | $\dashv$   | $\vdash$ | 97       | $\vdash$ | $\vdash$      | $\vdash$        | $\dashv$ | -1       | $\dashv$ | $\dashv$        | +        | $\dashv$ |          | 147        | $\dashv$ | +             | $\dashv$  |
|              | 48       | ┢        | $\vdash \vdash$ | $\dashv$ | -        |          | =        | $\dashv$ | $\dashv$ | $\dashv$   | -        | 98       | +        | <del>  </del> | $\dashv$        | $\dashv$ | -        | $\dashv$ | $\dashv$        | +        | $\dashv$ | $\vdash$ | 148        | $\vdash$ | +        | $\dashv$ | -        | -        |          | $\dashv$ | +             | $\dashv$  |
|              | 49       |          | $\vdash \vdash$ | $\dashv$ | $\dashv$ | $\dashv$ |          |          | $\dashv$ | $\dashv$   |          | 99       |          |               | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$        | +        | $\dashv$ |          | 149        | -        | $\dashv$ | $\dashv$ | $\dashv$ | +        | $\dashv$ | $\dashv$ | +             | $\dashv$  |
|              | 50       | $\vdash$ | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | $\neg$   |          |          | $\dashv$   | -        | 100      | 1        |               |                 | 一        | $\dashv$ | 寸        | $\dashv$        | _        | 1        |          | 150        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |          | $\dashv$ | $\dashv$ | $\dashv$      | ᅱ         |
|              |          | _        | $\perp$         |          |          |          |          |          |          |            |          | ,        | <u> </u> |               |                 |          |          |          |                 |          |          |          |            |          |          |          |          |          |          |          |               |           |